



*Air Force*



# USAF

MSgt Donald Bridge  
HQ Air Force Security Forces Center  
“Combat Arms Center of Excellence”  
Lackland AFB, TX  
DSN 473-1206 Commercial (210) 671-1206



U.S. AIR FORCE

## NEW MISSION/TECHNOLOGIES



- **Air Force Frangible Munitions**
  - Only cost effective solution to environmental problems
    - Eliminates environmental, health, and most safety problems
    - Executive Order 12856, Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements do not exempt US Military services
  - Frangible currently approved for 9mm and 5.56mm only
    - Limited to training use only
    - Accuracy at 25 meters is indistinguishable between lead based and frangible
  - Air Force is currently interested in 12 gauge and 7.62mm frangible for use at 10 meter targets and increased accuracy at greater distances



## NEW MISSION/TECHNOLOGIES



- M4 Carbine (burst mode)
  - Currently proposed for Air Force Group A personnel who arm daily in performance of duty
    - Approximately 40,000 personnel
  - A “dot reflex” optic being considered versus iron sights
    - Quicker target acquisition
- M240B machine gun
  - First deliveries in FY 02
  - Replaces outdated M60 machine gun



## AREAS OF INTEREST



- Counter stand-off weapons and enemy forces in all weather conditions during day or night
- See around corners and out of defilade positions without exposure to enemy fire
- Rapidly locate, in real time, the origin of sniper/indirect enemy fire and counter this threat
- Engage enemy targets with improved accuracy, lethality, and at increased ranges with individual and crew served weapons
- Discriminate between friendly, enemy, and noncombatant personnel, in real time
- Directed energy weapons for non-lethal missions, such as laser, acoustic, pulse, microwave, etc